

AMENDMENTS TO THE CLAIMS

A detailed listing of all claims that are, or were, in the present application, irrespective of whether the claim(s) remain(s) under examination in the application is presented below. The claims are presented in ascending order and each includes one status identifier. Those claims not cancelled or withdrawn but amended by the current amendment utilize the following notations for amendment: 1. deleted matter is shown by strikethrough for six or more characters and double brackets for five or less characters; and 2. added matter is shown by underlining.

1. (Currently Amended) A modular floor comprising:

[[a]] first and second main beams, each presenting a main beam length and an upper surface, the upper surface having beam coupling structure having a substantially horizontal top wall, the top wall presenting an integral attachment structure extending above the top wall, the attachment structure including spaced-apart first and second rail sections, the first and second rail sections being substantially parallel;

a first cross beam; operably attachable to and supportable by the first main beam;

a first ground-engaging leg; operably supporting the first main beam; and

a locking mechanism configured to operably couple the first main beam in registry with the second main beam, the locking mechanism operably couplable to the first ground-engaging leg;

an attachment plate configured to operably couple the first cross beam substantially transverse to the first main beam and slidable on the first main beam with respect to the main beam length; and

a floor panel having floor coupling structure slidable on the beam coupling structure with respect to the main beam length, including a first floor-end beam coupled to a floor board, the floor board presenting top and bottom surfaces, the first floor-end beam being disposed on the bottom surface of the floor board and being couplable to an adapter, the adapter being structured to conformingly bear upon the first and second rail sections in slidable relation in a direction

~~substantially parallel to the first and second rail sections such that the floor panel is supported by the first main beam.~~

2. (Currently Amended) The modular floor of claim 1, wherein ~~each of the beam coupling structure the first and second rail sections main beam~~ presents a substantially convex upper surface configured to gravitationally support the floor coupling structure.

3-6. (Canceled)

7. (Currently Amended) The modular floor of claim 1, wherein the first cross beam includes a main section and ~~first and second end sections, the first an end section being couplable to the main section opposite the second end section, the end section comprising a sleeve configured to receive the main section and engagement structure configured to couple with the attachment plate.~~

8-9. (Canceled)

10. (Currently Amended) The modular floor of claim [[9,]] 1, wherein the beam coupling structure of the first main beam comprises wherein the first and second rail portions present threaded surfaces defining a channel, the locking mechanism being adapted to engage the threaded surfaces of the channel, the floor coupling structure of the floor panel configured to comformingly bear upon the first and second rail portions.

11-12. (Canceled)

13. (Currently Amended) The modular floor of claim 1, further comprising a ~~main-first~~ stabilizer beam ~~stabilizer~~ pivotally couplable to the first main beam and removably couplable to the ground ~~engaging~~ leg.

14. (Currently Amended) The modular floor of claim ~~[[1]]~~ 13, further comprising a ~~cross~~ beam ~~second~~ stabilizer beam pivotally couplable to the first cross beam and removably couplable to the first ground-engaging leg.

15-28. (Canceled)

Please add the following new claims 29-46:

29. (New) The modular floor of claim 1, wherein the attachment plate is slidable from the first main beam onto the second main beam without disengaging from the first main beam.

30. (New) The modular floor of claim 1, further comprising a brake mechanism configured to substantially prevent shifting of the attachment plate with respect to the first main beam.

31. (New) The modular floor of claim 1, wherein the first ground-engaging leg is shiftable with respect to the locking mechanism for adjusting a height of the modular floor.

32. (New) The modular floor of claim 1, wherein each of the first and second main beams comprises a post substantially transverse to the main beam length and the locking mechanism comprises a hook configured to releasably engage the post of the first or second main beam.

33. (New) The modular floor of claim 1, further comprising:

a third main beam;

a second cross beam, each of the first and second cross beams having first and second ends;

a plurality of ground-engaging legs;

a plurality of attachment plates; and

a plurality of locking mechanisms;

wherein each of the first and second ends of the first and second cross beams is couplable to one of the first and second cross beams with one of the plurality of attachment plates;

each of the first and third main beams is couplable to a pair of the plurality of locking mechanisms;

each of the plurality of locking mechanisms is couplable to one of the plurality of ground-engaging legs; and

the floor panel has additional floor coupling structure such that the floor coupling structures are gravitationally supportable by and slidable on the beam coupling structures of the first and third main beams.

34. (New) The modular floor of claim 33, wherein the modular floor defines a length and a width, the modular floor length being extendable by coupling additional main beams in registry with the first and second main beams.

35. (New) The modular floor of claim 34, wherein the modular floor width is extendable by coupling at least one additional cross beam to a fourth cross beam and the first or third cross beam.

36. (New) A method of assembling a modular floor, the method comprising:

- coupling a first main beam to a locking mechanism, the first main beam presenting a main beam length;

- coupling the locking mechanism to a first ground-engaging leg;

- coupling a first cross beam to the first main beam with a first attachment plate such that the first cross beam is substantially transverse to the first main beam length;

- sliding the first attachment plate on the first main beam with respect to the first main beam length;

- supporting a floor panel with a first main beam; and

- sliding the floor panel on the first main beam with respect to the main beam length.

37. (New) The method of claim 36, further comprising:  
coupling a second main beam in registry with the first main beam.
38. (New) The method of claim 36, further comprising:  
sliding the first attachment plate from the first main beam onto the second main beam without disengaging the first attachment plate from the first main beam.
39. (New) The method of claim 38, further comprising:  
shifting the first ground-engaging leg with respect to the locking mechanism to adjust a height of the modular floor.
40. (New) The method of claim 36, further comprising:  
securing the first attachment plate to the first main beam to substantially prevent shifting of the first attachment plate with respect to the first main beam.
41. (New) The method of claim 36, further comprising:  
coupling a second locking mechanism to the first main beam;  
coupling third and fourth locking mechanism to a second main beam;  
coupling the second, third, and fourth locking mechanisms to ground-engaging legs;

coupling the first cross beam substantially transverse to the second main beam length with a second attachment plate;

coupling a second cross beam substantially transverse to the first and second main beam length with third and fourth attachment plates;

sliding the first and second attachment plate on the first and second main beams, respectively, with respect to the main beam length;

sliding the third and fourth attachment plate on the first and second main beams, respectively, with respect to the main beam length;

supporting the floor panel with the second main beam; and

sliding the floor panel on the first and second main beams with respect to the main beam length.

42. (New) The method of claim 36, wherein:

sliding the first attachment plate comprises shifting the first cross beam with respect to the main beam length.

43. (New) A modular floor comprising:

first and second main beams each presenting a main beam length;

a first cross beam;

a floor panel;

means for coupling the first main beam in registry with the second main beam;



means for coupling the first cross beam substantially transverse to the first main beam;

means for sliding the first cross beam on the first main beam with respect to the main beam length;

means for supporting the floor panel; and

means for sliding the floor panel on the first main beam with respect to the main beam length.

44. The modular floor of claim 43, further comprising:

means for stabilizing the first ground-engaging leg with respect to the first main beam; and

means for stabilizing the first ground-engaging leg with respect to the first cross beam.

45. The modular floor of claim 43, wherein the modular floor defines a length and a width, the modular floor further comprising:

means for extending the length of the modular floor; and

means for extending the width of the modular floor.

46. The modular floor of claims 43, further comprising:

means for adjusting a height of the modular floor.